Amendments

In accordance with 37 CFR §1.121, please amend the above-identified application as set forth below.

Amendments to the Claims:

Please amend the claims as set forth below.

1-52 (Cancelled)

53. (Previously Presented) A method for generating a repair plan for any one of a plurality of agricultural, construction or forestry machines, said repair plan comprising step by step instructions for a human being to repair one of said machines, said method comprising:

providing a central processor and at least one remote processor, each of said processors having a network interface for operative communication through a computer network and each of said processors being associated with a memory;

recording in one of said memories individual data uniquely associated with each individual of said plurality of agricultural, construction or forestry machines, said individual data comprising a first data set comprising a plurality of base repair plans for each individual of said plurality of machines;

recording in one of said memories a second data set comprising a pre service life design change of any individual of said plurality of machines;

configuring one of said processors to record in said memory a third data set comprising any service life modifications of each individual of said plurality of machines; and

configuring at least one of said processors to generate a current repair plan when a repair plan is requested by a user identifying an individual one of said plurality of machines according to a unique identifier of that individual machine, said current repair plan being a modification of said base repair plan from said first data set according to any pre service life design changes from said second data set and according to any service life modifications from said third data set.

54. (Previously Presented) The method of claim 53 wherein data in said first, second or third data sets is selected from the group consisting of: parts needed for repair, parts recommended for maintenance, costs of suggested parts, availability of suggested parts, personnel recommended for a repair, availability and qualifications of personnel, and a modification history of the individual agricultural, construction or forestry machine.

55. (Previously Presented) The method of claim 53 including an approval field configured for response by a user at said remote computer, said approval field being displayed in conjunction with said display of said data.

56. (Previously Presented) The method of claim 53 including a feedback input receiver, said feedback input receiver transmitting feedback data to said central computer for storage in said memory of said central computer.

57. (Previously Presented) The method of claim 53 wherein said feedback includes feedback selected from the group consisting of: a job completion acknowledgement, invoicing information and maintenance status.

58. (Previously Presented) The method of claim 53 wherein said processor of said central computer is configured to calculate and store in a memory a variance data set.

59. (Previously Presented) The method of claim 53 wherein said variance data set is selected from the group consisting of: repair time, employee evaluation, part performance evaluations, and system accuracy.

60. (Previously Presented) The method of claim 53 wherein said remote computer is located in one of said agricultural, construction or forestry machines.

61. (Previously Presented) The method of claim 53 wherein said second data set relates to data from the group consisting of: the machine's model, the machine's year of manufacture, and the machine's equipment.

62. (Previously Presented) The method of claim 53 wherein said third data set relates to data from the group consisting of the machine's hours of running and the machine's service history.

63. (Previously Presented) The method of claim 53 further comprising a diagnostic processor in each individual one of said plurality of machines, said diagnostic

processor, when in operative communication with one of said central computer or said remote computer, communicating diagnostic data.

64. (Previously Presented) The method of claim 53 wherein said repair plan includes particulars regarding at least one of: a necessary expenditure of time to be planned for repair of the machine, a list of parts needed for repair of the machine, a list of tools needed for repair of the machine, or a graphic detail necessary for carrying out repair of the machine.

65. (Previously Presented) The method of claim 53, wherein needed resources are automatically provided upon an acceptance of the repair plan.

66. (Previously Presented) The method of claim 53, including an input verification element for verification of the execution of each work step of the repair plan into said remote computer system.

67. (Previously Presented) The method according to claim 53, wherein the remote processor produces documentation on the repair carried out from the repair plan and sends the documentation to said central processor, indicating said unique identifier of the machine.

68. (Previously Presented) The method according to claim 53, wherein one of said remote processor or said central processor produces an account for repair of the machine, with the aid of the repair plan.

69. (Previously Presented) The method according to claim 53 further comprising a repair vehicle, said repair vehicle having a processor in operative data

communication with at least one of said diagnostic system, said remote processor or said central processor.

70. (Previously Presented) The method according to claim 53 further comprising a diagnostic system within each individual agricultural, construction or forestry machine, the diagnostic system including an interface capable of operative communication with said remote processor, and said diagnostic system being configured to communicate data to said remote processor.

71. (Previously Presented) The method of claim 53 wherein said created current repair plan includes a replacement of parts that have reached the end of their useful service life.

72. (Previously Presented) The method of claim 53 further comprising a diagnostic memory in each of said plurality of individual agricultural or forestry machines whereby said third data set may be updated when linked with said diagnostic memory.

73. (Previously Presented) The method of claim 53 wherein said current repair plan includes instructions for dismounting particular working parts of the individual machine in order to reach a defective part.

74. (New) A method for generating a repair plan for any one of a plurality of agricultural, construction or forestry machines, said repair plan comprising step by step instructions for a human being to repair one of said machines, said method comprising:

providing a central processor and at least one remote processor, each of said processors having a network interface for operative communication through a computer network and each of said processors being associated with a memory;

recording in one of said memories individual data uniquely associated with each individual of said plurality of agricultural, construction or forestry machines, said individual data comprising a first data set comprising a plurality of base repair plans for each individual of said plurality of machines;

recording in one of said memories a second data set comprising a pre service life design change of any individual of said plurality of machines;

configuring one of said processors to record in said memory a third data set comprising any service life modifications of each individual of said plurality of machines;

configuring at least one of said processors to generate a current repair plan when a repair plan is requested by a user identifying an individual one of said plurality of machines according to a unique identifier of that individual machine, said current repair plan being a modification of said base repair plan from said first data set according to any pre service life design changes from said second data set and according to any service life modifications from said third data set;

a repair vehicle, said repair vehicle having a processor in operative data communication with at least one of said diagnostic system, said remote processor or said central processor;

a diagnostic processor in each individual one of said plurality of machines, said diagnostic processor, when in operative communication with one of said central computer or said remote computer, communicating diagnostic data; and

a diagnostic memory in each of said plurality of individual machines whereby said third data set may be updated when linked with said diagnostic memory.